Water tank

thin brass sheet

tank top from tin brass sheet

4mm brass angle
solder to bottom of tank sides and bolt to angle edging frames

Chimney

turn from rod, thickwall tube or fabricate

Footplate

1/16" (1.5mm) steel

Coal bunker

thin brass
edge with half-round beading

soft solder to rear of bunker

bored through floor to angle edging frames

Platwork for de Winton
Dave Watkins
9/8/97
Gas Tank, Control Valve & Burner for de Winton
Dave Watkins
9/8/97

Dimensions in Millimetres unless indicated
**Modified angle fitting.**

Whistle valve screws into right hand side. Original is on boiler fittings sheet.

**Whistle Valve**

Fabricate from 1/14" hex brass.
Steam outlet from 4mm round brass, fix with silver solder. Make gland nut from 3/16" hex brass, Ball 1/8" stainless, push rod 1.5mm stainless Lever 1.5mm steel or brass, pivot 10 BA screw

**Assembled Valve twice full size**

Gap plug turn from brass, press fit in bore secure with minimum of solder.

Whistle aperture should be an even fraction of whistle column length. In this example 1/6th, so for aperture 6.5mm, column is 39mm.

**Whistle from thin wall brass tube**

Steam Whistle for Idris - fed by 1/16" copper pipe.
Pipe tucks in behind water gauge, with whistle located diagonally below cab floor.

Steam whistle for de Winton
Dave Watkins
29/10/99